

Integrated AM/FM Mast with Single SDARS Antenna

Abstract of the Disclosure

An combined satellite and terrestrial antenna system for a structure is disclosed. The antenna system that includes a terrestrial antenna, a satellite antenna, a satellite receiver, and an AM/FM receiver. The terrestrial antenna includes a multi-band terrestrial antenna mounted on a mounting assembly including a low noise amplifier circuit and a bezel. The bezel is adapted to contain the low noise amplifier. The satellite antenna is concentrically mounted with respect to the terrestrial antenna. The mounting assembly is connected to the satellite receiver for reception of satellite and satellite retransmitted signals by a satellite-terrestrial-retransmitted-satellite cable. The mounting assembly is also connected to the AM/FM receiver for reception of AM/FM terrestrial signals by a terrestrial AM/FM cable. A method for mounting the combined satellite and terrestrial antenna system on a structure is also disclosed. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).